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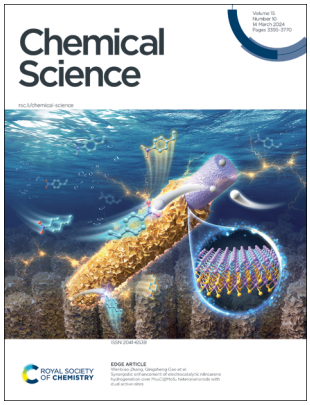
ISSN 2041-6539 CODEN CSHCBM 15(10) 3395–3770 (2024)



Cover
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See Paul M. Donaldson *et al.*, pp. 3453–3465. Image reproduced by permission of Helen Towrie, Paul Donaldson and STFC from *Chem. Sci.*, 2024, **15**, 3453.

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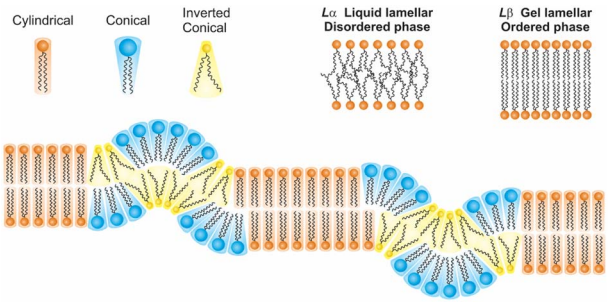

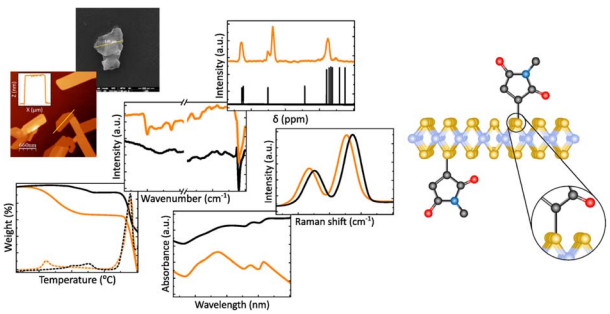

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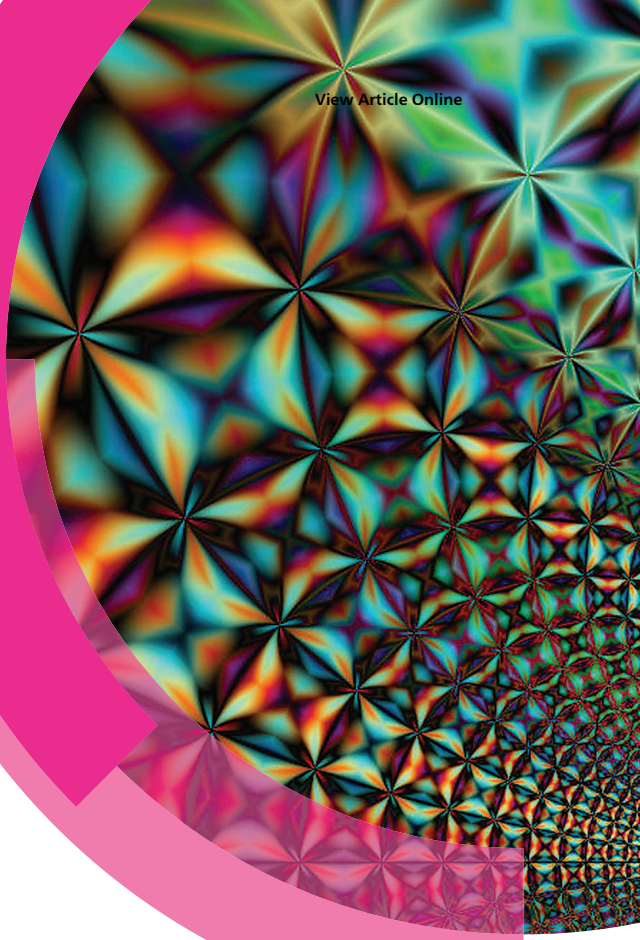

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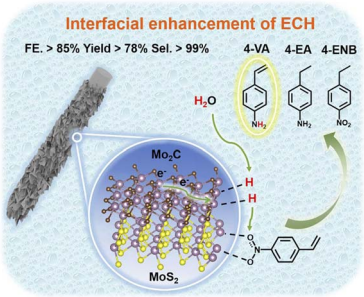

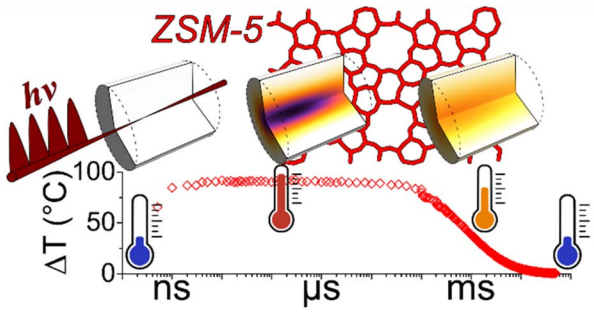

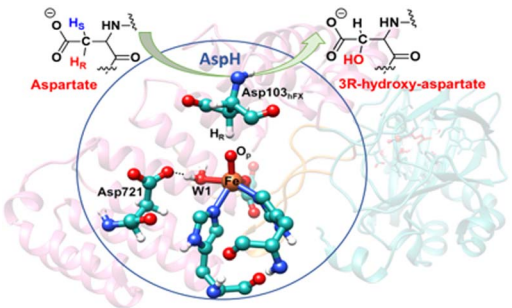

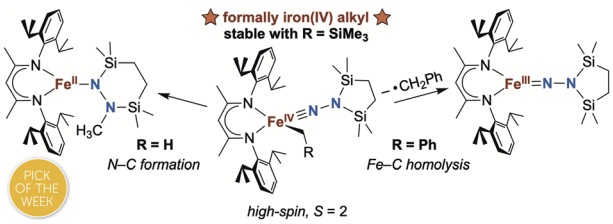

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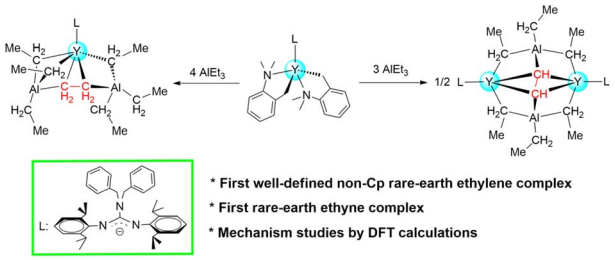
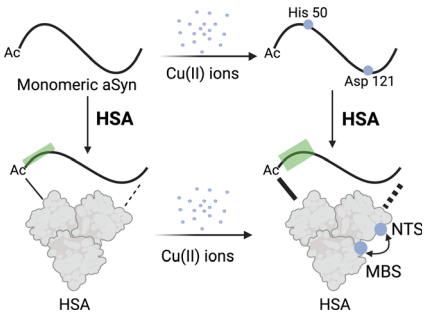


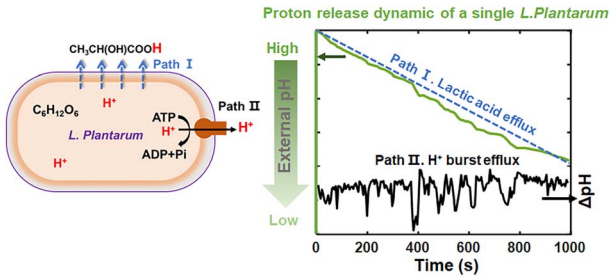
Rare-earth metal ethylene and ethyne complexes

Wen Jiang, Thayalan Rajeshkumar, Mengyue Guo, Yuejian Lin, Laurent Maron* and Lixin Zhang*



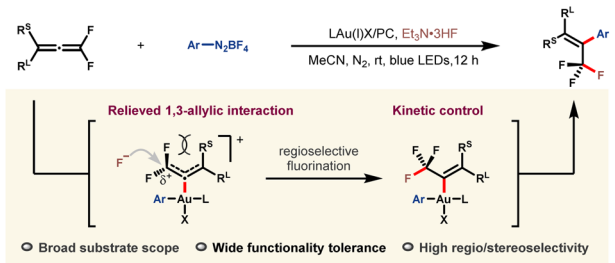
Inhibition of toxic metal-alpha synuclein interactions by human serum albumin

Karla Martinez Pomier, Rashik Ahmed, Jinfeng Huang and Giuseppe Melacini*



Intermittent proton bursts of single lactic acid bacteria

Jia Gao, Kai Zhou, Haoran Li, Yaohua Li, Kairong Yang and Wei Wang*



Multi-substituted trifluoromethyl alkene construction *via* gold-catalyzed fluoroarylation of *gem*-difluoroallenes

Zhi-Qiang Li, Hai-Jun Tang, Zaixin Wang, Cheng-Qiang Wang* and Chao Feng*

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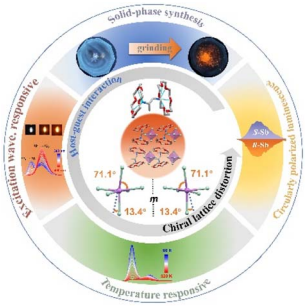

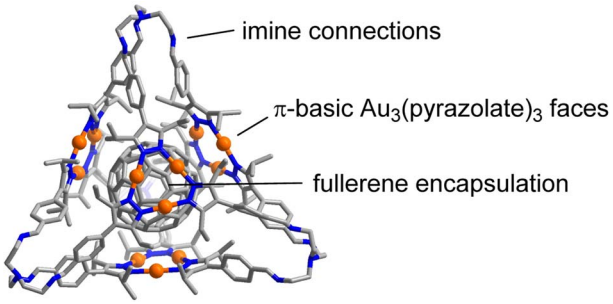

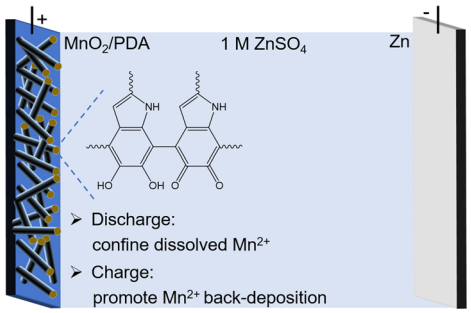

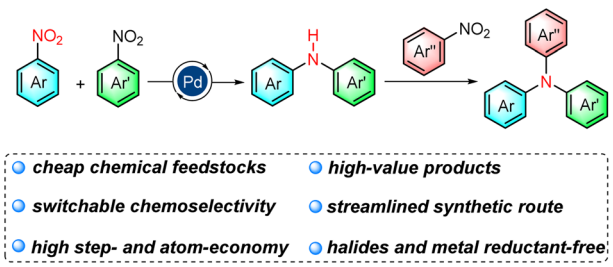

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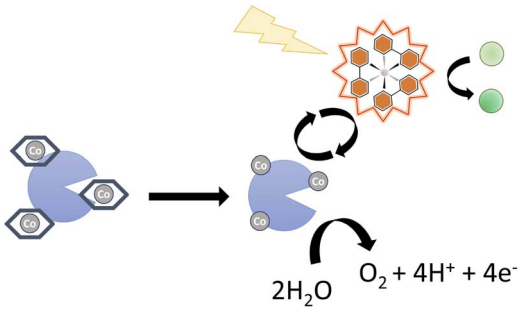

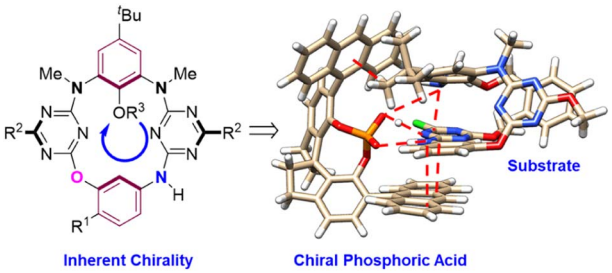

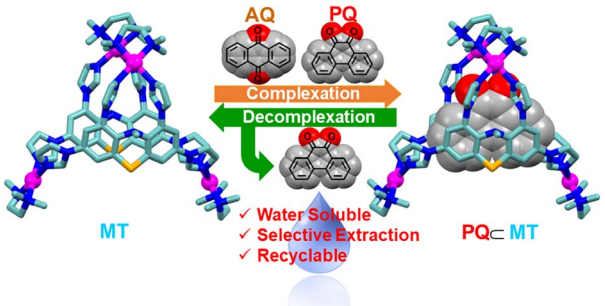

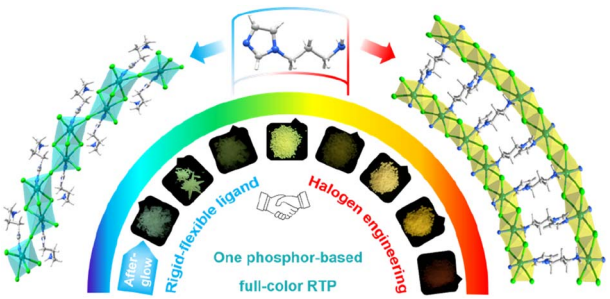

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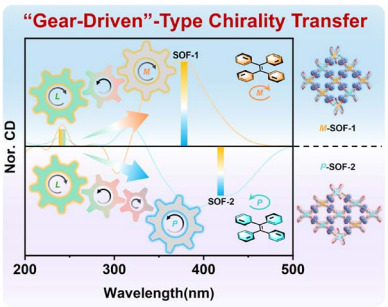

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